

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/007396

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C29/88 C07C29/38 B01J23/46 B01J21/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 101 52 525 A (BASF AG) 8 May 2003 (2003-05-08) cited in the application page 3, paragraph 18; claim 1	1-6
A	US 6 034 285 A (MATSUURA MICHIAKI ET AL) 7 March 2000 (2000-03-07) cited in the application column 4, lines 10-28	1-6
A	US 5 149 861 A (BRUNNER ERWIN ET AL) 22 September 1992 (1992-09-22) claim 1	1-6
A	DE 19 52 738 A (LEUNA WERKE VEB) 9 July 1970 (1970-07-09) page 3, lines 12-14, 20-24	1-6
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

10 January 2005

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Jourdan, A

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/007396

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 235 797 B1 (ELLIOTT DOUGLAS C ET AL) 22 May 2001 (2001-05-22) claim 1; examples -----	1-6
A	DE 195 30 528 A (DORNIER GMBH) 20 February 1997 (1997-02-20) claims 1,3; examples 2,3 -----	1-6
X	WO 99/11615 A (BASF AG ; FLICK KLEMENS (DE); FUCHS EBERHARD (DE)) 11 March 1999 (1999-03-11) page 2, line 18; claims 1,3,4; example 1 -----	7
X	US 5 672 558 A (WHITE JAMES F ET AL) 30 September 1997 (1997-09-30) column 2, lines 25-27; claims 1,8; example 6 column 4, line 43 column 5, line 19 -----	7
A	US 4 647 592 A (MAULDIN CHARLES H) 3 March 1987 (1987-03-03) examples 1,2 -----	7
A	US 5 484 757 A (GOUGH DAVID M ET AL) 16 January 1996 (1996-01-16) claim 1; examples 1,2 -----	7
A	DE 32 17 751 A (DEGUSSA) 17 November 1983 (1983-11-17) page 6, line 26 - page 7, line 23; claims 2,4 page 9, lines 2,3 -----	7

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/007396

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 10152525	A	08-05-2003	DE 10152525 A1	08-05-2003
			BR 0213258 A	28-09-2004
			WO 03035594 A1	01-05-2003
			EP 1440049 A1	28-07-2004
			US 2004254408 A1	16-12-2004
US 6034285	A	07-03-2000	JP 11124348 A	11-05-1999
			CN 1220254 A ,B	23-06-1999
			DE 19848569 A1	29-04-1999
			IT T0980887 A1	22-04-1999
			SG 74089 A1	18-07-2000
US 5149861	A	22-09-1992	DE 3715035 A1	17-11-1988
			AT 73438 T	15-03-1992
			DE 3868970 D1	16-04-1992
			EP 0289921 A2	09-11-1988
			JP 2653381 B2	17-09-1997
			JP 63287738 A	24-11-1988
DE 1952738	A	09-07-1970	DE 1952738 A1	09-07-1970
US 6235797	B1	22-05-2001	AU 6948100 A	10-04-2001
			EP 1207956 A1	29-05-2002
			WO 0117677 A1	15-03-2001
			US 2002133048 A1	19-09-2002
DE 19530528	A	20-02-1997	DE 19530528 A1	20-02-1997
WO 9911615	A	11-03-1999	AU 9436498 A	22-03-1999
			BR 9811613 A	08-08-2000
			CA 2302441 A1	11-03-1999
			CN 1269787 T	11-10-2000
			WO 9911615 A1	11-03-1999
			EP 1015426 A1	05-07-2000
			JP 2001514076 T	11-09-2001
			US 6663844 B1	16-12-2003
US 5672558	A	30-09-1997	AU 5560596 A	07-11-1996
			CA 2213777 A1	24-10-1996
			EP 0821620 A1	04-02-1998
			JP 11504255 T	20-04-1999
			WO 9633014 A1	24-10-1996
US 4647592	A	03-03-1987	NONE	
US 5484757	A	16-01-1996	AT 202499 T	15-07-2001
			AU 683166 B2	30-10-1997
			AU 2475495 A	04-01-1996
			BR 9507829 A	16-09-1997
			CA 2190629 A1	14-12-1995
			CN 1149261 A ,B	07-05-1997
			DE 69521510 D1	02-08-2001
			DE 69521510 T2	16-05-2002
			DK 762932 T3	17-09-2001
			EP 0762932 A1	19-03-1997
			ES 2158110 T3	01-09-2001
			FI 964791 A	29-11-1996
			JP 10501170 T	03-02-1998

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/007396

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5484757	A	NO 965091 A	29-11-1996
		NZ 285601 A	26-01-1998
		WO 9533559 A1	14-12-1995

DE 3217751	A	17-11-1983 DE 3217751 A1	17-11-1983
